

# Converting Colors

Hex(D8A986)

Have a look what the booklet for  
Hex(D8A986) contains.

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# **Color**

**Hex(D8A986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8A986
RGB	216, 169, 134
RGB Percent	85%, 66%, 53%
CMY	0.1529, 0.3373, 0.4745
CMYK	0.00, 0.22, 0.38, 0.15
HSL	26°, 51%, 69%
HSV	26°, 38%, 85%
XYZ	46.8099, 44.6961, 28.7143
YIQ	179.0630, 39.2470, -0.9210

# Conversions

## Conversions Part 2

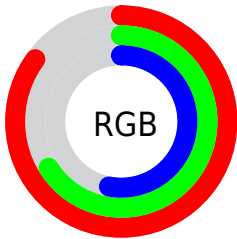
Format	Color
R <sub>Y</sub> B	216, 195, 134
Decimal	14199174
CIE Lab	72.69, 12.56, 24.66
CIE LCh	73, 27.677, 63.003
Yxy	44.6961, 0.3894, 0.3718
Android (android.graphics.Color)	4292389254 (0xFFD8A986)
YUV	179.0630, -22.2161, 32.3937
Hunter-Lab	66.8551, 7.9838, 21.3335

# Details

The Hex color **D8A986** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **86B5D8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE0BB**, and **A07554** is the 20% darker color. If you saturate the color by 10%, you get **D89D70**, and if you desaturate by 10%, it is **D8B59C**.

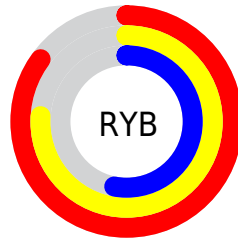
# Distribution



Red (85%)

Green (66%)

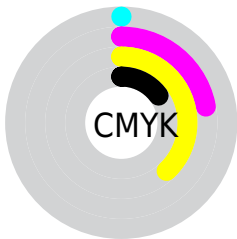
Blue (53%)



Red (85%)

Yellow (76%)

Blue (53%)

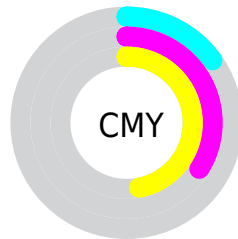


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8A986 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D8A986 by changing the saturation by 10% instead.



 D8A986

 D8A986

FFFFFF

 BB8F6D

 FFE0BB

 A07554

 FFFDD7

 845C3D

 FFFFF4

 6A4526

 502E11

 381900

 200000

 000000

 D8A986

 D8A986

 D89D70

 D8B59C

 D8905B

 D8C2B1

 D88445

 D8CEC7

 D87730

 D8DBDC

 D86B1A

 D8E7F2

 D85F04

 D8F3FF

 D85C00

 D8FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E4A298



D8A986



C2B280

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D8A986



70C1B4



BAABDD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D8A986



86B5D8

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96B4E4



D8A986



66C0CD

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8A986



8ABE9B



75BBDF



D5A3CA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8A986



B0B783



75BBDF



AEAEE1

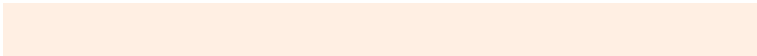


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D8A986



FFEFE3



D886B6



80766F



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8A986



FFBC8A



D8D186



6B6560



AB4900



2B1300

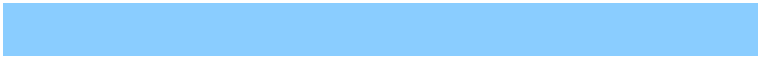


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86B5D8



8ACDFF



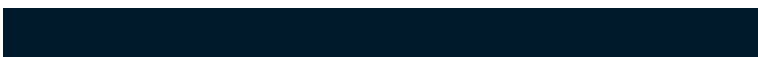
868DD8



60676B



0062AB



00192B



# Previews

## White Background



This preview shows how the Hex color D8A986 looks on a white background.

## Color Contrast Check

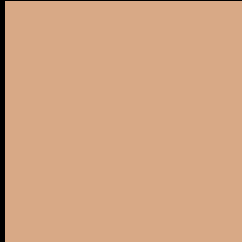
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D8A986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

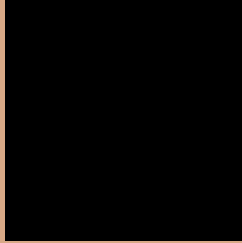
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8A986 Background



This preview shows how black text looks on a background with the Hex color D8A986.



This preview shows how white text looks on a background with the Hex color D8A986.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

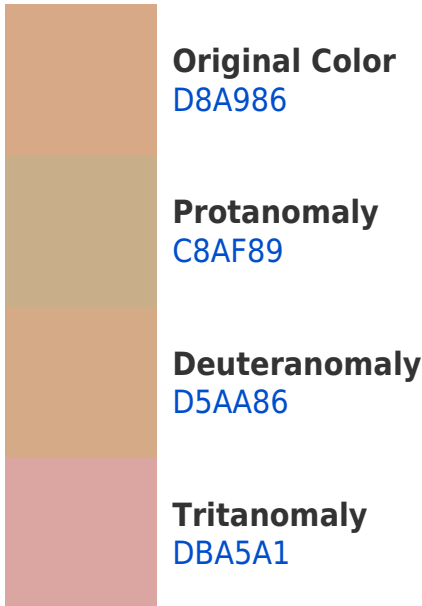
## Dichromacy



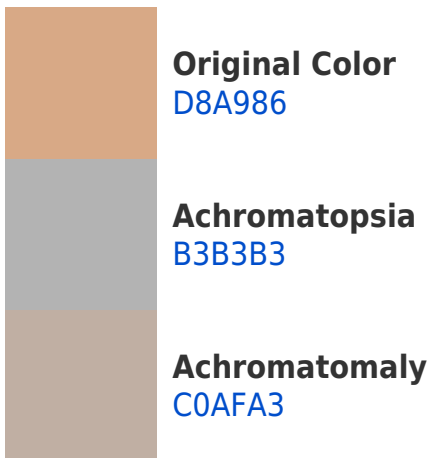


**Tritanopia**  
DCA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8A986 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D8A986 looks like.

```
.text, #text, p{  
    color:#D8A986  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D8A986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8A986
}
```

## Border

The CSS property to change the border of an element to Hex D8A986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8A986 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D8A986 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D8A986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8A986; -webkit-box-shadow:4px 4px  
4px 4px #D8A986; box-shadow:4px 4px 4px  
4px #D8A986 }
```

# Background

The CSS property to change the background color of an element to Hex D8A986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8A986 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D8A986 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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